

Agriculture



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Missouri
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Natural Resource Conservation Service



Department
Of Natural
Resources

Farm Service
Agency



Tomorrow

June 2010

Published by MONTGOMERY AND WARREN COUNTY SOIL & WATER CONSERVATION DISTRICTS

Upcoming Events:

- June 29 - Final Charrette Creek AgNPS Meeting
- August 17 & 18—Advanced Grazing School @ Warren Co. Extension Center

Inside this issue:

Reckamp Farm Tour at Wright City	2
Essay Winner—Glosemeyer Farm Tour FSA County Committee Election	3
Soils & Forestry Contest Held Recycling Center in Truesdale	4
Warren County Poster Contest Winners	5
Glosemeyer Farm Tour at Concord Hill	6
Essay Winner—Reckamp Farm Tour	7
Advanced Grazing School	8

"Putting a Face on Agriculture" Spring Women's Ag Awareness Meeting

Muriel Kaiser (left), WAA Committee Chairwomen, is pictured with Chris Chinn (right) of Clarence, MO

Chris Chinn was the guest speaker for the Women's Ag Awareness meeting held April 22, 2010 at the Montgomery County High School. There were 81 people in attendance. The speaker gave several examples of some of the perceptions of agriculture and why it is important for the rural communities to put an "face" on agriculture.



NATIVE PLANT/ WILDFLOWER TOUR

Sunday
June 27, 2010 &
July 25, 2010



Start at 5:00 p.m.
with a
walking tour for
approximately one
hour.

Optional meal
after completion
of tour 6:30 p.m.

Location: Tom and
Pat Westhoff
property.
113 Leonard Rd.
Montgomery City

Please RSVP by
Friday, June 25 or
July 23 at Mont-
gomery SWCD
573-564-3715, x3

Warren County Soil & Water Conservation District

635 W. Booneslick
Warrenton, MO 63383
Phone 636-456-3434, Ext. 3
Fax 636-456-3712



Montgomery County Soil & Water Conservation District

1013 S. Sturgeon
Montgomery City, MO 63361
Phone 573-564-3715, Ext. 3
Fax 573-564-3967

Outreach to Women Award

(Front) Karen Clark, Tammy Teeter; (Middle) Brenda Van Booven, Kalani Sexton, Muriel Kaiser, Luella Fischer, Gloria Leverett, Priscilla Eggering; (Back) Gayle Adams, Dawn Miller, Ruth Schneider, Ann Whitehead, Marlene Muchow. Brenda Van Booven Also received a Certificate of Appreciation for her work on the State WIA Committee.

14th Year for Reckamp Farm Tour in Warren County!

Polly Sachs-Warren SWCD

It was perfect "farm tour" weather for the 4th Graders from Wright City Elementary and Liberty Christian Academy to visit the Reckamp Family Farm near Wright City.

The tour this year consisted of 10 stops including electricity, stream table & bugs, farm safety, healthy foods, rocks & minerals, hot house, soils & terraces, hogs, feed, and trees & wildlife.

There were many volunteers that helped make the day possible such as Pork Producers, MDC, Ben Avis, Dolores Owenby, Teresa Cook, and the FFA students from Wright City helped set-up/clean-up the tour and helped Mr. Reckamp with the hog stop. Resource people came from CEPC in Jefferson City, FSA in Warren County, NRCS in Union, NRCS/SWCD from Montgomery & Warren Counties, and MU Extension employees from Warren Co. As in the past, students had an opportunity to write an essay about "What I

Learned on the Conservation
Left—FFA students from Wright City and alumni at the Hog Stop.



Right—Dolores Owenby and Brenda Van Booven at the Farm Safety Stop.



Left—Healthy Foods Stop with Shelley Rowe, MU Ext. Center, Chris Merritt—MU Ext., and Judy Stubblefield-FSA

Right—Hot House Stop with Mr. Woods' Class learn about growing plants in a hot house and get to plant their own seeds to take home with them.



Farm Tour". Each of the winners will receive a certificate and a medal. The overall winner's essay will be published in the next issue of the newsletter.

We want to thank the volunteers and resource personnel who helped with stops and especially our farm tour hosts Gene & Marilyn Reckamp and David & Marylin Reckamp for all their hard work in getting ready for the farm tour and letting us use their farm for the day!



The Reckamp Family (front) Marilyn & Gene Reckamp (back) David & Marylin Reckamp



Above—The Pork Producers of Warren County prepared a meal of brats and pork burgers for everyone!



Above—Hogs Stop. Students each had the opportunity to hold baby pigs at the Hogs Stop. They also learned the different types of meat and other uses for hogs.



Above—At the Feed Stop, David & Marylin Reckamp teach students about the ingredients in hog feed.



Above—The Electricity Stop with Keith Mueller is always a favorite of the students at the farm tours!



Left—MDC Volunteers show the various pelts for native Missouri animals.

FSA COUNTY COMMITTEE ELECTION

Ryan Eddy/Priscilla Eggering, FSA



Farm Service Agency

The election of responsible agricultural producers to FSA county committees is important to ALL farmers and ranchers with large or small operations. It is crucial that every eligible producer take part in this election because county committees are a direct link between the farm community and the U.S. Department of Agriculture.

The nomination period for the 2010 County Committee Election begins June 15th and ends August 2nd. Check with your local FSA office for more details.

Students Compete in Soils & Forestry Contest

Debbie Niederer
Warren County SWCD

Students from six area schools enjoyed a beautiful spring day Tuesday March 30th as they completed a practice contest for Soils and Forestry. This is an annual contest sponsored by the Warren Co. Soil and Water Conservation District (SWCD) in conjunction with the Natural Resources Conservation Service (NRCS), the Missouri Department of Conservation (MDC), and the Ag Instructors Diane Miederhoff and Dave Cooley from Warrenton High School. The contest was held near Pendleton, MO at Hambachs Wood Products and the Little Lost Creek Conservation Area.



Top Soils Team-Troy & Top 3 Individuals (pictured left to right: Mike Cook-NRCS, Julius Braungardt, Jimmy Copher, and Tiffany Elliot)



Top Forestry Team-Troy, MO Tony Peper-MDC, Anthony Amptmann, Eric Amptmann, Josh Williams, and Jeff Bakameyer-MDC

In order for the students to complete the soils judging three pits were dug in the pasture and woodland areas near the shop for Hambach Wood Products. The pits were dug by George Hoelscher, a local landowner, and judged by NRCS Soil Scientists Mike Cook. This year Mike had volunteer Theresa Cook and SWCD Technician Lafe Schweissguth assisting him. The students judge the pits and are later scored on identifying the different soil horizons, by color, texture, structure type, mottles, rock fragments and other special features. They also identify properties of the soil, site characteristics and are able to access the suitability of the soil for ponds, basements, lagoons and sewage fields.

The forestry portion of the contest was planned and supervised by the MDC Forestry staff Jeff Bakameyer and Tony Peper. The students



Top Forestry Individuals 1st-Anthony Amptmann (Troy), 2nd-Austin Carter (Montgomery Co. R-2), 3rd-Eric Amptmann (Troy)

are scored on identifying different types of trees, understanding how to inventory timber for improving the stand, identifying different types of tools used in the timber industry, and know how to figure board feet in trees for timber sales. They are also scored on a forestry general knowledge and map

test.

Once the competition portion of the contest is complete the students review the pits and forestry portions of the contest to help them out when they go to district and state soils and forestry contests.

The SWCD sponsors plaques for the top scoring teams in each Soils and Forestry and medals for the three top high scoring individuals for both events of the contest. This year Troy High School took home most of the honors. Their team (see photo) top team in Forestry. Anthony was the top high individual, and Eric was the third high individual in the contest. Team member Austin Carter from Montgomery High took home the second high individual award. Troy's soils team (see photo) took home the first place plaque. Team members Julius and Jimmy tied for high individual however Julius took first with the highest pit score, Elliot went home with the third high individual medal. Congratulations to all the students who participated and Thanks so much to everyone who helped out with the contest.

A New Outlet!

Lafe Schweissguth
Warren Co. SWCD Technician

No the Outlet Mall didn't get a new store but someone could argue that something even better happened. Recently the East Central Missouri Recycling Center opened its doors to the public.

Located South of Warrenton on Hwy 47 the Recycling Center serves four of our surrounding counties including Franklin, Lincoln, Montgomery and Warren Counties. They will take some plastics, chip board, aluminum, paper products, and something that can really help you the farmer is used motor oil. The important part of taking used motor oil to the Recycling Center is that they can take as much oil as you have on your farm. If you are bringing more than 100 gal. please call and set up a time to drop it off.

Everyone here at the Soil and Water Conservation District is really excited about the new Recycling Center and we hope that the community takes advantage of this new waste outlet. East Central Missouri Recycling Center is open Wednesday- Friday 8:00- 5:00 and Saturday 8:00- 12:00 Closed Sunday and Monday and Holidays.



East Central Missouri Recycling Center

24448 South Highway 47
Warrenton, MO 63383
(636) 456-3473

Reporting Planted, Prevented Planted, and Failed Crops at the Farm Service Agency

Ryan Eddy/Priscilla Eggering, FSA

The FSA office is currently accepting acreage reports. In order to receive program payments, producers must file an acreage report for all crops and land uses on their farms. This includes planted acres, prevented planted acres, failed acres, CRP, hay, and pasture. Please bring the planting dates to the office when you come to report. The deadline to report wheat is June 30th. The deadline to report spring planted crops and all other land uses is July 31st.

With the recent rains that most of the county has experienced, there is a potential for prevented planting and unfortunately some failed crops. There are a few things to consider when it comes to these situations in order to maximize the potential for program benefits. If you are prevented from planting in a field, you should report this to FSA within 15 days after the final planting date. The final planting date for corn is May 31, and for soybeans and milo it is June 20. For the prevented planting claim to be approved, the County Committee must determine that the producer did truly intend to plant the crop. In order to establish this, producers are asked to submit copies of seed invoices, fertilizer bills, or other documents showing their intent to plant.

If a field fails, you should report this to FSA within 15 days from the disaster occurrence, or 15 days from the date the damage to the crop is apparent. In most cases, the failed acres must be reported to FSA before the crop is destroyed in order to receive credit. However, if the crop was insured, the producer may report the failed acres after the crop is destroyed, provided that they submit documentation from the crop insurance adjuster that worked the claim. This documentation would likely be in the form of an appraisal worksheet from the adjuster. Timely reporting of these situations will ensure that you receive the crop history that could be a factor in the disaster programs.

If you have questions regarding acreage reports, prevented planting, or failed crop claims, please call the Warren County Farm Service Agency at (636) 456-3433 or the Montgomery County Farm Service Agency at (573) 564-2262.

Glosemeyer Farm Tour was held April 29th in Concord Hill

Lafe Schweissguth-District Technician, Warren SWCD

On a windy day in May four local schools came and participated in the Glosemeyer Farm Tour presented by the Warren County Soil and Water Conservation District. Holy Rosary, St. Vincent's, Marthasville Elementary, and St. Ignatius enjoyed a fun filled day at the Glosemeyers farm. The kids were able to go to different stops that covered topics such as Electricity, Soils & Terraces, Rocks, Trees & Wildlife, Worms, Feed, Hogs, Animals, and Farm Safety. They were also provided a meal from the Pork Producers of Warren Co. The kids were split up into small groups that would go from stop to stop for 10-15 minutes at a time and then rotate to a different stop. The kids really seemed to enjoy the Stream Table stop that also worked with insects that you would find in streams.

The Stream table simulates what would happen to sediment when water at different speeds hits it. The leader starts off by making a farm site with a creek in the middle of it. We would use fake trees to form a Stream Bank Revetment in one area, good sized rocks for a rock revetment and we also showed what happens to stream banks if a farmer plants to close to the stream bank. We start off with just a little water flowing showing that some sediment runs with the water like a slow rain. Then we work our way up to heavy rain and

Below-At the Feed Stop, Keith Moore teaches the importance of nutrition for animal feed.



Above-Students from St. Ignatius get to hold baby piglets at the Hogs Stop.



eventually a flood. Chances are when the water is going really fast the farmer loses his tractor some parts of his fields and so on, but usually the revetments hold up and keep the water back, which shows our enhancements that we will design for Ag producers really do help. All in all the farm tour went really well the weather was beautiful, the food was great, and the kids were all well behaved. Thank you to everyone that volunteered to make this farm tour such a great event. This is the 12th year Ralph and Vikki Glosemeyer have volunteered their farm for the 4th grade farm tour.

Right & Below-The Worm Stop was hosted by Irv and Kathy Huser. Students were able to hold the live worms.



Right-JoAnne Niederer tells students from St. Vincents about the many uses of animals at the FFA Animals Stop.



Right-John James, NRCS and Lafe Schweissguth, Warren SWCD show students from Marthasville Elementary how to use a level when designing practices to help prevent soil erosion.



Left-Jayne Glosemeyer and Ginnie Niemeyer quiz the kids on look-a-likes and equipment safety at the Farm Safety Stop.

Right-Mike Cook, Union NRCS, demonstrates the many uses of rocks and minerals that we use in everyday life at home and at school. Teresa Cook also volunteered at the stop.



Left-Ben Avis, Volunteer, helps teach students about stream bank erosion.

Below-After 5 stops everyone takes a break for a great lunch provided by Pork Producers.



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To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

What I Learned on the Conservation Farm Tour

Overall Essay Winner – Reckamp Farm Tour

Have you ever been to Reckamp Farm? Well I went to Reckamp Farm for my field trip and here are some things that I learned while I was there. The first thing I learned about was erosion. Flowing bodies of water like rivers can take rocks and carry the rocks while they flow. If the water is carrying your rocks away that is called erosion. You can stop erosion by putting trees where the water is causing erosion therefore not as many rocks will be carried away. Everybody also learned about bugs that tolerate polluted water. Bugs that tolerate polluted water live in the water and help it get less polluted. Some times you can tell if water is polluted if you see certain types of bugs in your water like a Crawdad. When erosion starts maybe a car or tractor falls in the water and it's oil leaks that will make the water more polluted so the bugs that tolerate polluted water will have a bigger job and some bugs will lose their home.

Later in the day I learned about electricity and how to be safe around a power line. One thing I learned about electricity is that you need to stay 10 feet away from a wire that fell from the power line. When you are in a car and you slide and hit a power line and it lands on your car, it is safer to stay in the car, if you get out and there are other people in the car and you have one foot on the ground and one foot in the car, you will kill yourself and anyone who is in the car. Electricity wants to get to the ground and it travels at the speed of light. When you see a power line down, call 911 in less you know any other numbers.

A little while later we learned about a Green House and some of the plants that grow there. Another name for a green house is a hot house. The average temperature in a green house is 45 degrees. If you plant potatoes in a green house you will get 350 pounds from only one of the potatoes you plant! Also I learned that all plants come from seeds. Next I learned about farm safety. I learned that it is unsafe to be in a silo without a buddy and a safety rope because if no one knows you are in the silo they could start to get the corn or whatever is in there you could get chopped up in to bits buy the thing that cuts up the corn or whatever up. Also you always need to keep the stuff you buy in the bottle it comes in or else you might eat medicine instead of Candy or laundry detergent instead of salt. It is not safe to be in a trailer when it is full of corn, you could go under the corn and not be able to breath or you could get chopped up in to little pieces.

A few minutes later I learned about nature. Our group saw skins of different animals and deer antlers. My group learned about how antlers and horns are different. Antlers fall off every year and some animals come and eat them. Horns stay on forever and are hard and sharp. Next we learned about how trees give us oxygen. If a tree has been through a drought or a fire then it has a black mark on the rings that are in the middle of the tree showing how old it is and you just count the rings and you will know how old the tree is and what year it went through a drought or a fire.

Next I learned about pig food. Lots of pig food is made from soy beans, corn, calcium and some other stuff. After you have all the ingredients you mash them all up then you mix them all up. Then you feed it to the pigs. All the groups also learned about rocks. Indians used to use rocks for everything. Some used them to hunt some used them to fish but we don't do that any more. Our life would be different without rocks. No one would not have houses if we had no rocks, we would not have a place to keep our food cold and we would not have a glass or glasses.

Towards the end of the field trip we learned about soil. I learned that all food does come from soil. There are 3 different types of soil (loam, clay & sand). The farmers used terracing to keep there farm from drowning. Sometimes they might plant some plants in the green house. They don't use yards or inches, they use feet and tenths. After that we learned about health food. Every kid and adults needs protein every day. When you grow up the percentage of protein you need every day will get higher and after a while it might not go up any more it might just stay the

same. If you eat a hamburger and a half you will have all the protein you need for a day. It is not bad for you to have more protein than you need a day, it is actually good for you.

Finally we learned about pigs. Pigs have to be certain age to be bred. A pig that is really small is called a runt. The mom pig feeds the baby pigs milk from her nipples. Pigs like to be held close. The proper way to hold a pig is to hold it close, lift 1 of its back legs up, let it rest it head on your arm, and pet it gently. An adult pig can have 14 litters of babies or more! That is what I learned on my field trip to Reckamp farm. Thank you Warren County Soil and Water Conservation Department for all you taught us. Thank you Reckamp family for one of the best field trips ever and for letting us come to your house and farm.

What I Learned on the Conservation Farm Tour

Overall Essay Winner – Glosemeyer Farm Tour

I enjoyed the farm tour because it was a lot of fun and it was very interesting I learned a lot there. I liked the animals, bugs and the stream table, the electricity demonstration and the pig stop the best. At the Animal stop, I learned that you could make bacon, ham, sausage, hot dogs, ribs and pepperoni from pigs. You can make baseballs and baseball gloves from the hides from cattle; and you can drink milk from a dairy cow.

The bugs and the stream table were a lot of fun. The stream table showed how erosion can change a river or a stream. If you pollute streams and rivers, the water will not be safe to drink and we can get very sick. Many times people let their animals frolic in the water then they will use the bathroom in the stream or river and if we drink that water, we could get ill. The way to tell whether a stream is polluted or not is by the bugs that are living there. If pollution sensitive bugs live there that means the water is not polluted and if pollution sensitive bugs do not live that means the water is polluted.

At the electricity stop, I learned that you should always stay 10 or more feet away from the power lines. Electricity is very dangerous. Many people die from electrocution. I learned that electricity always tries to get to the ground so, if something is stuck in a power line you should not try to reach out and grab it. You will be shocked. Electricity always takes the easiest path to reach the ground and travels at the speed of light.

I also learned interesting things about pigs; a pig's heart is very similar to the human's heart. Sometimes doctors use parts of pig's hearts in hearts of people. Pigs have very many uses. Pigs can be used for food, to make paint, makeup and many other uses. A pig's market is 250 pounds. Pigs are sometimes kept as pets.

I enjoyed all the farm tour and learned a lot. I was sad that I had to go, but I will always remember what I learned there.



Advanced Grazing School to be held August 17-18, 2010

by Ann Whitehead
Montgomery SWCD

The Montgomery and Warren County SWCD/NRCS will be hosting an Advanced Grazing School on August 17th and 18th, 2010. This will be held at the Montgomery City Library.



This Grazing School will be for people that have attended a grazing school in the past. The topics will include a refresher on MIG, Advanced Soil Health, and Fertility Management, Feeding Options/ Nutrition for Body Scoring and Matching Forages to Livestock/Alternative Forages for winter. Kenny Suter a livestock producer from Northern Missouri will speak on innovative ideas.

If you are interested in attending this Advanced Grazing School please contact the Montgomery County NRCS office at 573-564-3715 or Warren County NRCS office at 636-456-3434.



MONTGOMERY COUNTY SOIL & WATER CONSERVATION DISTRICT 1013 S. Sturgeon • Montgomery City, MO 63361

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Brenda Van Booven, District Manager
Robert J. Ridgley, District Technician
Ann Whitehead, Lower Loutre & Bear Brush Creek AgNPS Project Manager
Gayle Adams, District Assistant
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Polly Sachs, District Manager
Lafe Schweissguth, Charrette Creek AgNPS Project Manager
.....

Assisted by NRCS Personnel

Tammy Teeter, District Conservationist
Sarah Szachnieski, Resource Conservationist
John James, Soil Conservation Technician • David Korman, Soil Conservationist
.....

Assisted by Missouri Department of Conservation

Jamie Barton & Jeff Esely, Private Land Conservationists
Josh Stevens & Jeff Bakameyer, MDC Forestry
Scott Voney & Sarah Peper-MDC Fisheries Biologists
Matt Spurgeon & Jim Kuenzle-MDC Wildlife Conservationists

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Warren County Equipment Rental Rates

(Montgomery County landowners are charged the same as in-county)

Available through the Warren SWCD Office 636-456-3434, x3

7 ft. Great Plains No-Till Drill with Native Grass Box\$8 acre
\$25.00 minimum charge

Vermeer Mulcher..... \$50 per day/1st hr free • \$25/each additional hour

Warm Season Grass Burn Equipment \$10 per day

Root Plow..... \$7 per day

ATV Seeder \$20 per day

ATV Disc Harrow w/trailer \$20 per day

ATV Plotmaster w/trailer \$25 per day

ATV Tank Spray Unit..... \$10 per day

ATV Harrow FREE

Available through Matt Berry, near Marthasville, 636-932-4035

10' John Deere No-Till Drill\$8 acre
\$25.00 minimum charge

Available through Ralph Glosemeyer, in Concord Hill, 636-932-4897

7' Great Plains No-Till Drill with Native Grass Box\$8 acre
\$25.00 minimum charge

Additional rental rates charged for out-of county landowners

Montgomery County Equipment Rental Rates

(Warren County landowners are charged the same as in-county)

Available through the Montgomery SWCD Office 573-564-3715, x3

7 ft. Great Plains No-Till Drill with Native Grass Box\$7 acre

10 ft. Great Plains No-Till Drill with Native Grass Box\$8 acre

Vermeer Mulcher..... \$50/1st hour use • \$25/each additional hour

Warm Season Grass Burn Equipment \$10 per day

Tree Planter.....\$50/day • Maximum charge of \$100

Tree Root Pruner..... FREE

Truax "Seed Slinger" - Hand Grass Seeder..... FREE

Truax Electric ATV Mounted Seeder..... FREE

10' ATV Mounted Sprayer..... FREE

18" Hay Probes (with \$50 deposit) FREE

Available through Mike Grosse, Big Spring, 573-252-4216

Aerway Pasture Renovator—10' Pull-Type Model.....\$125/day

Landpride Power Ditcher \$70/1st day • \$50 each additional day

Available through Darrell Reinhardt, near Hermann, 573-486-2469

10' Great Plains No-Till Drill with Native Grass Box.....\$8 acre

Additional rental rates charged for out-of county landowners